



PCT10

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/031,241

DATE: 06/05/2002

TIME: 17:11:26

Input Set : A:\031241sl

Output Set: N:\CRF3\06052002\J031241.raw

ENTERED

3 <110> APPLICANT: Hauer, Bernhard  
 4 Schmid, Rolf D.  
 5 Schwaneberg, Ulrich  
 7 <120> TITLE OF INVENTION: Electron donor system for enzymes and its use in the  
 biochemical  
 8 conversion of substrates  
 10 <130> FILE REFERENCE: M/40076  
 12 <140> CURRENT APPLICATION NUMBER: US 10/031,241  
 C--> 14 <141> CURRENT FILING DATE: 2002-05-06  
 14 <150> PRIOR APPLICATION NUMBER: PCT/EP00/07251  
 15 <151> PRIOR FILING DATE: 2000-07-27  
 17 <160> NUMBER OF SEQ ID NOS: 35  
 19 <170> SOFTWARE: PatentIn Ver. 2.1  
 21 <210> SEQ ID NO: 1  
 22 <211> LENGTH: 36  
 23 <212> TYPE: DNA  
 24 <213> ORGANISM: Artificial sequence  
 26 <220> FEATURE:  
 27 <223> OTHER INFORMATION: Description of the artificial sequence:  
 28 Oligonucleotide for genomic Bacillus  
 29 megaterium DNA  
 31 <400> SEQUENCE: 1  
 32 gtgaaagagg gatcccatga caattaaaga aatgcc 36  
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 36 <211> LENGTH: 38  
 37 <212> TYPE: DNA  
 38 <213> ORGANISM: Artificial sequence  
 40 <220> FEATURE:  
 41 <223> OTHER INFORMATION: Description of the artificial sequence:  
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 43 megaterium DNA  
 45 <400> SEQUENCE: 2  
 46 gcctcttgga tccttaccca gccacacgt cttttgcg 38  
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 49 <211> LENGTH: 19  
 50 <212> TYPE: DNA  
 51 <213> ORGANISM: Artificial sequence  
 53 <220> FEATURE:  
 54 <223> OTHER INFORMATION: Description of the artificial sequence: Primer for  
 55 sequencing  
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 58 gtacgtgatt ttgcaggag 19  
 61 <210> SEQ ID NO: 4  
 62 <211> LENGTH: 20

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64 <213> ORGANISM: Artificial sequence
66 <220> FEATURE:
67 <223> OTHER INFORMATION: Description of the artificial sequence: Primer for
68     sequencing
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77 <213> ORGANISM: Artificial sequence
79 <220> FEATURE:
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81     sequencing
83 <400> SEQUENCE: 5
84 cccagcttat gatgaaaac                19
87 <210> SEQ ID NO: 6
88 <211> LENGTH: 20
89 <212> TYPE: DNA
90 <213> ORGANISM: Artificial sequence
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93 <223> OTHER INFORMATION: Description of the artificial sequence: Primer for
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101 <211> LENGTH: 19
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103 <213> ORGANISM: Artificial sequence
105 <220> FEATURE:
106 <223> OTHER INFORMATION: Description of the artificial sequence: Primer for
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110 gtcggcatgg tcttaaacg                19
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116 <213> ORGANISM: Artificial sequence
118 <220> FEATURE:
119 <223> OTHER INFORMATION: Description of the artificial sequence: Primer for
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122 <400> SEQUENCE: 8
123 attcctcagc ttcaccgtga                20
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128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial sequence
131 <220> FEATURE:
132 <223> OTHER INFORMATION: Description of the artificial sequence: Primer for

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Input Set : A:\031241s1

Output Set: N:\CRF3\06052002\J031241.raw

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158 <223> OTHER INFORMATION: Description of the artificial sequence: Primer for
159      sequencing
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170 <220> FEATURE:
171 <223> OTHER INFORMATION: Description of the artificial sequence: Primer for
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174 <400> SEQUENCE: 12
175 ttcaatttgt cgacagcgcc          20
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180 <212> TYPE: DNA
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183 <220> FEATURE:
184 <223> OTHER INFORMATION: Description of the artificial sequence: Primer for
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197 <223> OTHER INFORMATION: Description of the artificial sequence: Primer for
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200 <400> SEQUENCE: 14
201 tcgcgcaatg gctgctaaaa          20
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213 <400> SEQUENCE: 15  
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223 <223> OTHER INFORMATION: Description of the artificial sequence: Primer for  
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233 <213> ORGANISM: Artificial sequence  
235 <220> FEATURE:  
236 <223> OTHER INFORMATION: Description of the artificial sequence: Primer for  
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239 <400> SEQUENCE: 17  
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243 <211> LENGTH: 20  
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248 <223> OTHER INFORMATION: Description of the artificial sequence: Primer for  
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252 cccgtttctg gatcttttcc 20  
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256 <211> LENGTH: 20  
257 <212> TYPE: DNA  
258 <213> ORGANISM: Artificial sequence  
260 <220> FEATURE:  
261 <223> OTHER INFORMATION: Description of the artificial sequence: Primer for  
262 sequencing  
264 <400> SEQUENCE: 19  
265 tcacggtgaa gctgaggaat 20  
268 <210> SEQ ID NO: 20  
269 <211> LENGTH: 20  
270 <212> TYPE: DNA  
271 <213> ORGANISM: Artificial sequence  
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274 <223> OTHER INFORMATION: Description of the artificial sequence: Primer for  
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278 ttgcgacctg cggtgcaaat 20  
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282 <211> LENGTH: 20  
283 <212> TYPE: DNA  
284 <213> ORGANISM: Artificial sequence  
286 <220> FEATURE:  
287 <223> OTHER INFORMATION: Description of the artificial sequence: Primer for  
288 sequencing  
290 <400> SEQUENCE: 21  
291 ggcgctgtcg acaaattgaa 20  
294 <210> SEQ ID NO: 22  
295 <211> LENGTH: 20  
296 <212> TYPE: DNA  
297 <213> ORGANISM: Artificial sequence  
299 <220> FEATURE:  
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303 <400> SEQUENCE: 22  
304 ttttagcagc cattgcgcga 20  
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308 <211> LENGTH: 20  
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310 <213> ORGANISM: Artificial sequence  
312 <220> FEATURE:  
313 <223> OTHER INFORMATION: Description of the artificial sequence: Primer for  
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316 <400> SEQUENCE: 23  
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320 <210> SEQ ID NO: 24  
321 <211> LENGTH: 36  
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323 <213> ORGANISM: Artificial sequence  
325 <220> FEATURE:  
326 <223> OTHER INFORMATION: Description of the artificial sequence:  
327 Oligonucleotide for tag at C terminus  
329 <400> SEQUENCE: 24  
330 gtgaaagagg gatcccatga caattaaaga aatgcc 36  
333 <210> SEQ ID NO: 25  
334 <211> LENGTH: 42  
335 <212> TYPE: DNA  
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338 <220> FEATURE:  
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340 Oligonucleotide for tag at C terminus  
342 <400> SEQUENCE: 25  
343 cggaattcctt aacgacgacg acgacgacgc ccagcccaca cg 42

VERIFICATION SUMMARY

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L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date